



 **MOTOROLA SOLUTIONS**

State of North Dakota

SIRN 2020 Status Update

March 2023



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Phase 1 / Group 5 Locations (State Radio, State Radio Back up, Minot New PSAP)

- New Minot PSAP- NTP received and equipment has been ordered- New Turn up target= June 2023
 - Vesta Pre-meeting and Call Flow/Design Meetings completed
- State Radio Back Up (Scope changed to add additional consoles to the Cen-Comm location).
 - Deployable Laptop Configuration / testing- Item postponed until the operational requirements are defined by DES / State Radio and NDITD
- State Radio (Postponed until Statewide Coverage is completed)
 - Network Equipment has been installed at the location

VPN Core setup / Configurations / Testing

- Radio Management Bismarck VPN testing completed
 - Dickinson Radio's have been added during the Transition.
 - Lessons Learned and Formal Process will be created for Future locations
 - Encryption Testing and Planning is in process for this Transition (VHF and SIRN-800Mhz)
- Fargo VPN testing is Open Pending the below Items
 - ATP acceptance of NICE logging- Complete
 - Radio Management- ATP complete
 - Smart Connect- ATP has been completed

System Upgrade from SW version .19 to .21

- Core, Console Operator Positions and PSAP SW updates have been completed

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RF Phase Status (Phase 2, Group 1, 2, 3 and 4)

- Pre-Construction Items in process (AKA- Architectural and Engineering – A&E)
 - Paper Study LE's are being shared with the site owners to allow the lease process to get started for the 2023 Build Season.
- Early Adopter locations updates-
 - Drive testing Reports has been completed and shared with the team for Williston/Williams Co, Grand Forks, Minot and Bismarck area's.
- Dickinson Simulcast:
 - Compound and Equipment installation work has been completed.
 - Simulcast Optimization work is complete, Backhaul is in process of being installed and turned up via the local Telco and NDIDT teams
 - Initial Radio's Identified for Switchover have programmed and are deployed

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1928
2018 | YEARS

Overall Site Build Status Cont..

- Overall Site Build Status for Locations in which an NTP Has Been Received (107 Contract Locations + One Change Order)
 - (59) locations have been completed (30 Locations are in Use for Simulcast with ASR support, 29 other locations complete)
 - In Process- Sites with Partial Civil Construction complete
 - Open- Sites requiring lease / owner approval / Not scheduled

Region	Close Out	In Process	Open	QTY of Sites
NE	10	0	11	21
NW	17	0	12	29
SE	9	1	11	21
SW	20	3	14	37
Total	56	4	48	108

- RF Site Optimizations
 - (1) ATP has been Completed in First Quarter
 - (1) ATP targeted for the week of 3/27/23 (Pending weather and site access)
- Antenna and Line Installs
 - (4) locations have been completed in Q1

SIRN Build Out : NEXT STEPS



Phase 2 / Group 1 (State Owned Locations)

- Work with State to help resolve build plan for State locations requiring changes and locations with possible NEPA issues (QTY-8)
 - (5) Alternate Sites have been identified, LE's are in the approval process

Phase 2 / Group 2 (Early Adopters)

- In process of Planning resource to complete this group . (1) shelter set needed.

Phase Two / Group 3

- Work with Teams to get Lease Exhibit approval to Lock in lease targets
- Enhanced focus completing State Wide Mobile coverage (~20 locations needed to complete this task from Group 1 and Group 3 locations)

Phase Two / Group 4

- Project schedule is in process for the locations identified for this group should have a quick lease time (i.e past leases with site owners already completed)
- Update and Complete lease Exhibits for Approval to allow team to Order additional shelters for 2023 Build Season

Phase Two Schedule-

- Groups 1-4 Project schedule is in process on being updated to determine new completion dates based on current location status and supply chain and NEPA Challenges
- A new schedule Group 5 scheduled is in process of being created for this group of RF locations (Group 5 = 19) This will allow the teams to complete the RF design and lock in these locations.
 - Awaiting State NTP (Group 6=13) to start this group

State Team Core and RF training Planned

- On Site training has been completed with State teams
 - Final (2) week custom course topics are being identified

Additional Core Work Planned

- Radio Management- Integration and ATP has been completed.
 - Working with team to determine Radio Re-touch plan (Ensure proper options are being ordered, working with team to capture the radio data so they can be entered into Radio Management, etc..) Meeting planned for 4/3/23.